Title (en)

MEDICINAL FLUID PUMP HAVING MULTIPLE STORED PROTOCOLS

Title (de)

FLÜSSIGKEITSPUMPE FÜR MEDIZINISCHE ZWECKE MIT MEHREREN GESPEICHERTEN PROTOKOLLEN

Title (fr)

POMPE POUR FLUIDE MEDICINAL A PLUSIEURS PROTOCOLES MEMORISES

Publication

EP 0801578 B1 20060726 (EN)

Application

EP 96902134 A 19960105

Priority

- US 9600431 W 19960105
- US 36973295 A 19950106

Abstract (en)

[origin: US5685844A] A pump (23) used to infuse a fluid into a patient (27) is controlled in accordance with a plurality of parameters entered by an operator. These parameters define a protocol that is applied in controlling the operation of the pump to determine the rate, volume, and timing of the fluid infusion. The operator enters the parameters using a keypad (16) in response to prompts provided on a display (18). Once the parameters for a current protocol are entered, they can be stored as a speed protocol by selecting that option from a menu appearing on the display. Up to three speed protocols can be stored in memory in the disclosed preferred embodiment. When preparing to infuse a medicinal fluid, an operator can elect to enter a new protocol or to select an appropriate speed protocol stored in memory for loading as the current protocol. Use of stored speed protocols saves time and reduces the likelihood of errors that can occur when data defining the parameters controlling the infusion process are entered by an operator.

IPC 8 full level

A61M 5/00 (2006.01); **A61M 5/172** (2006.01); **A61M 5/142** (2006.01)

CPC (source: EP US)

A61M 5/172 (2013.01 - EP US); **F04D 15/0066** (2013.01 - EP)

Cited by

US11738144B2; USD1024090S; US11607493B2; US11628251B2; USD1020794S; US11833329B2; US11439754B1; US11801344B2; US11969579B2; US11551802B2; US11547800B2; US11935637B2; US11904140B2; US11565043B2; US11929158B2; US11571513B2; US11724027B2; US11865299B2; US11986628B2; US10777319B2; US11386996B2; US11565039B2; US11596740B2; US11324889B2; US11857763B2; US11957875B2; US11986630B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 9600431 W 19960105; AT 96902134 T 19960105; AU 4655996 A 19960105; DE 69636383 T 19960105; EP 96902134 A 19960105; ES 96902134 T 19960105; JP 52127696 A 19960105; US 36973295 A 19950106